

## USER'S GUIDE

**DECLARATION « CE » DE CONFORMITE  
« EC » DECLARATION OF CONFORMITY  
Directive R&TTE 1999/5/CE**

**NUM'AXES**

déclare que / declares that

le collier d'éducation / the training collar

**EXPERT 600**

satisfait à toutes les dispositions de la Directive N° 1999/5/CE du 07/04/99 du Conseil Européen  
complies to all dispositions of the European Council Directives below N° 1999/5/CE

et est conforme aux normes suivantes / and complies with standards below:

ETSI EN 300 220



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### WARNING

Any person with individual device for cardiac assistance (pacemaker, defibrillator) must take precautions when they use EXPERT 600.

This device emits some static magnetic fields (a magnet is located in the remote control).  
Frequency = 869 Mhz, at = 300 mW

The device complies with the European Standard ETSI EN 300 220.

Thank you for choosing a NUM'AXES product.

Before using your EXPERT 600, please read the instructions in this guide carefully and keep it for future reference.

**Before using EXPERT 600, we advise you to have your dog checked by your vet to ensure it is fit to wear a collar.**

**Check your dog's neck regularly, the repeated rubbing of the contact points against the animal's skin may cause irritation. If this happens, remove the collar until all signs of skin irritation have disappeared.**

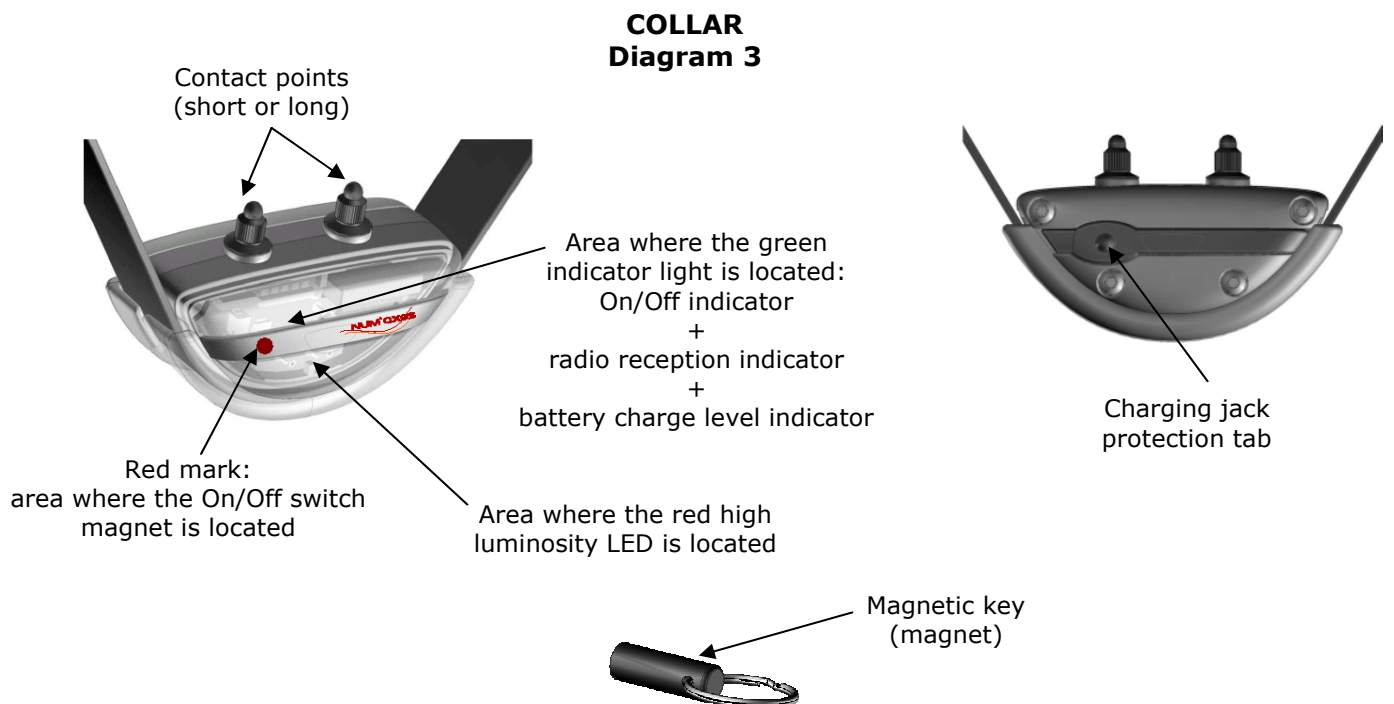
**Start with the lowest level of stimulation and define the level from which your dog reacts by increasing gradually.**

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## • **Contents of the product EXPERT 600**

- EXPERT collar fitted with a rechargeable battery and short contact points
- strap
- battery charger for the collar
- EXPERT 600 remote control fitted with 1 lithium 3 Volts CR2 battery
- magnetic key (magnet)
- neon test lamp
- pair of long contact points
- carry strap
- this user's guide

- **Description of the product**



- **First use from new**

- **Charge of the EXPERT collar**

To charge your collar, proceed in the following way:

- connect the charger to a wall outlet
- connect the power cord to the collar, after a few seconds, the green indicator light starts blinking
- when the battery is fully charged, the green indicator light goes out
- disconnect the charger from the collar and put the protection tab back in place
- disconnect the charger from the wall outlet



**We advise you to fully charge the battery before the 1<sup>st</sup> use.**

A full charge takes approximately 3 hours.

You can purchase a **car charger** from your supplier at any time.

- **Activate/deactivate the remote control**

Remote control is supplied with battery fitted.

- **Activate:** firmly press the On/Off button  located on the side of the remote control for 1 second (ref. diagram 1). Indications appear on the LCD screen.
- **Deactivate:** firmly press the On/Off button  for 1 second. The LCD screen goes out.

**To increase the battery life, we recommend you to deactivate the remote control if you are not using it for a long period.**

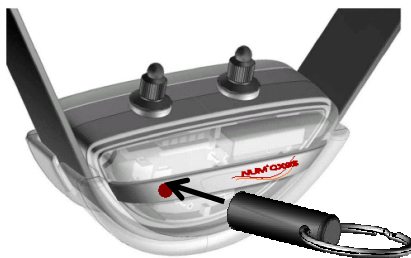
- **Activate/deactivate the collar**

You can activate/deactivate the collar with the magnetic key or with the remote control.

- ❖ **Activate/deactivate the collar with the magnetic key**

- **Activate:** move the magnetic key towards the collar so that it comes into contact with the red mark, hold for 1 second (ref. Diagram 4). The green indicator light on the collar will flash indicating that **the collar is On**.
- **Deactivate:** move the magnetic key towards the collar so that it comes into contact with the red mark, hold for 1 second (ref. diagram 4). The green indicator light on the collar flashes quickly then goes out indicating **the collar is Off**.

**To increase the battery life, we recommend you to deactivate the collar if you are not using it for a long period.**



**Diagram 4**

Activate/deactivate the receiver collar with the magnetic key

## ❖ **Activate/deactivate the collar with the remote control**

A magnet located in the remote control is used to switch the EXPERT receiver collar On or Off.

- **Activate:** move the remote control towards the collar so that the magnet position indicator comes into contact with the red mark on the collar, hold for 1 second (ref. Diagram 5). The green indicator light on the collar will flash indicating that **the collar is On**.
- **Deactivate:** move the remote control towards the collar so that the magnet position indicator comes into contact with the red mark on the collar, hold for 1 second (ref. diagram 5). The green indicator light on the collar flashes quickly then goes out indicating **the collar is Off**.

**To increase the battery life, we recommend you to deactivate the collar if you are not using it for a long period.**




## ▪ **Coding the remote control and receiver collar**


Each remote control has its own individual radio operator code. The coding of the remote control with the receiver collar enables the two units to work together.

**IMPORTANT:** before beginning the coding (first use of the receiver collar or re-coding), make sure no other person is using his EXPERT 600 or other products from the NUM'AXES range close by: your receiver collar could accidentally record the code of his remote control. If that occurs, re-code the remote control with your receiver collar.

## **CODING PROCEDURE FOR THE 1ST USE**

1. Activate the remote control: press for 1 second the On/Off button .
2. Activate the receiver collar: move the remote control towards the collar so that the magnet position indicator comes into contact with the red mark on the collar, hold for 1 second (ref. Diagram 5).
3. Move the remote control away from the receiver collar.
4. Press the **V** (vibration) button of the remote control. The collar emits vibrations; it is then synchronized with your remote control.

## **RE-CODING PROCEDURE (for all codings other than the 1st)**

1. Activate the remote control: press for 1 second the On/Off button .
2. Receiver collar **in position "deactivated" (green indicator light Off)**: move the remote control towards the collar so that the magnet position indicator comes into contact with the red mark on the collar, hold **for 6 seconds**. The indicator light on the collar lights in fixed green then goes out.
3. Move the remote control away from the receiver collar.
4. Press the **V** (vibration) button of the remote control. The collar emits vibrations; it is then synchronized with your remote control.

## ▪ **Reprogram a receiver collar**

The receiver collar can be re-coded **indefinitely**, either **with the same remote control**, or **with a new one** from the EXPERT range (ref. Re-coding procedure).

### **WARNING:**


The EXPERT receiver collar will not work with a remote control from the CANICOM range.  
The CANICOM receiver collar will not work with a remote control from the EXPERT range.

## • **How to use the remote control**

The EXPERT 600 remote control is designed to operate with 1 receiver collar.

### ❖ **V button: vibration button**

If you press the **V** (vibration) button the collar will emit vibrations. There is no time limit for this function: the collar will continue to vibrate for as long as the button is pressed.

A transmission symbol  will appear on the LCD screen of the remote control. The indicator light on the collar goes from flashing green to permanent green for as long as the button is pressed.

It's up to you to use the vibrations depending of the way you want to train your dog.


With the vibrations you can:

- send vibrations to your dog when it is disobedient
- draw its attention...

**It's very important to always use the vibrations in the same way in order not to disturb your dog.**


### ❖ **F button: flash stimulations**


Press the **F** button to send a warning to your dog using flash stimulations transmitted by the two contact points located on the receiver collar for a defined length of time of less than one second.

A transmission symbol  will appear on the LCD screen of the remote control. The indicator light on the collar goes from flashing green to permanent green while the stimulations are being sent.

### ❖ **C button: continuous stimulations**

Press the **C** button to send a warning to your dog using continuous stimulations transmitted by the two contact points located on the receiver collar, this will last for as long as the button is pressed but **limited to 8 seconds maximum**.

A transmission symbol  will appear on the LCD screen of the remote control. The indicator light on the collar goes from flashing green to permanent green while the stimulations are being sent.


If you press the **C** button for more than 8 seconds, the symbol  will appear on the LCD screen of the remote control and the collar will automatically go into safety mode for a few seconds before restarting itself normally.

### ❖ **B button: booster**

Press the **B** (booster) button to stop your dog instantaneously.

You can choose the stimulation level you think to be the best for an immediate effect. As a result, you do not need to press the "+" button.

Those stimulations are transmitted by the two contact points located on the collar for as long as the button is pressed but no more than **8 seconds maximum**.

If you press the **B** (booster) button for more than 8 seconds, the symbol  will appear on the LCD screen of the remote control and the collar will automatically go into safety mode for a few seconds before restarting itself normally.

Configuration of the **B** (booster) button:

- select the stimulation level 1
- press the "-" button until the stimulation level flashes on the LCD screen
- press the "+" or "-" button to modify the stimulation level
- press the **B** (booster) button to confirm the level selected


## ❖ " + " and " - " buttons: stimulations level control buttons


Use the " + " and " - " buttons for rapid adjustment of the stimulation level of the receiver collar. 15 levels are available.

Level 1: very weak stimulations – Level 15: strong stimulations

**Always start with the lowest level of stimulation.**

## ❖ button: high luminosity LED

If you press the  button, you will activate a blinking red high luminosity LED on the collar for approximately 8 minutes.




If you press the  button again before the 8 minutes are over, you will stop the LED.

## • Checking/replacing battery of remote control

Performance (radio range) of the remote control may deteriorate as battery becomes weak. Be prepared to replace the battery.

To check the condition of the battery, turn On the remote control and look at the battery level indicator on the LCD screen.

The symbols which appear indicate the following:

-  Battery fully charged
-  Weak battery: prepare to replace the battery
-  Dead battery: your EXPERT 600 switches to safety mode and the system locks up. The battery must be replaced.

**NUM'AXES advises to use the same type and same brand of batteries as those supplied in your new purchased product. Other brands of batteries may not operate, or may not be completely compatible with your product. You can purchase the suitable batteries from NUM'AXES or from your distributor.**

Replace the batteries as follows:

- on the back of the remote control, use a coin to turn the battery cover counter-clockwise and remove it (ref. diagram 6)
- remove the old battery
- insert the new battery (lithium 3V CR2) **paying attention to follow polarity indicated on the battery housing**
- put the battery cover back in place making sure the seal is in the correct position in the remote control (ref. diagram 6)
- use a coin to close the battery cover
- check that the remote control operates correctly

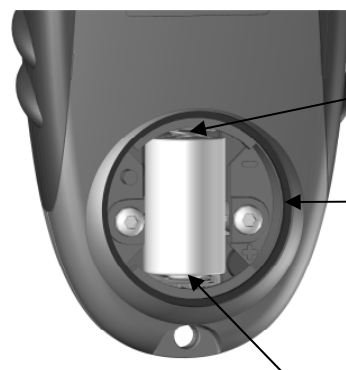
**Diagram 6**



Use a coin to turn the battery cover counter-clockwise then slightly incline the coin to remove it.

### **WARNING**

Make sure the polarity is correct



Polarity « - » of the battery

**Make sure the seal is in the correct position inside the remote control before replacing the battery cover**

Polarity « + » of the battery

- **Checking/reloading battery of receiver collar**

To check the condition of the receiver collar battery, observe the indicator light located on the front of the receiver collar:

- battery sufficiently charged: flashes slowly green
- weak battery: flashes quickly green

When the battery is too weak, the product switches to safety mode and the system locks up.

Recharge the battery by following the procedure indicated above, at the beginning of this user's guide (See § Charge of the EXPERT collar).

- **Changing the contact points**

Two different series of contact points are supplied. The length of the contact points must be sufficient to have proper contact with the dog's skin, enabling the device to operate correctly.

If you have a long-haired dog and the short contact points fitted to the collar in the factory are inadequate, remove and replace them with the long ones supplied with the kit.

**Carefully tighten them manually (do not use a key).**

You can purchase **extra-long contact points** from your supplier at any time.

- **How to check that your EXPERT 600 is functioning properly**

You can check that your EXPERT 600 is operating correctly at any time:

- before doing so, make sure the receiver collar is turned Off (green indicator light Off)
- fix each wire of the neon test lamp under each contact point (unscrewing them lightly and retightening them so as to pinch the test lamp wires)
- turn On the remote control and the collar
- press the **F** or **C** button and modify the intensity level of the stimulations: the test lamp will light with more or less intensity.

- **Getting the best results**

The training instructions you send to your dog are sent from the remote control to the receiver collar by radio waves. These radio waves are sensitive and the range reaches approximately 600 meters (depending on geography and environment).

**The performances of your EXPERT 600 will be optimal if you follow these recommendations:**

- to obtain a good radio range, do not cover the antenna when you hold your remote control in your hand
- the position of the receiver collar around the neck of the dog should be in the following way: the red mark on the collar is visible and is not in contact with the breast of the dog
- check the batteries (remote control and receiver collar) before using the unit and replace or recharge them as soon as the level of load is weak
- the performances of the batteries decrease slightly in temperatures lower than 0°C. If possible keep the remote control warm (e.g. inside a pocket) before using it

- **Fitting the collar**

The strap must be adjusted so that the contact points are in contact with the skin of the dog.

- **If the strap is too loose, the collar is likely to move and repeated friction can irritate the skin of your dog. Furthermore, it will not function correctly.**
- **If the collar is too tight, the dog will have breathing difficulties.**

Do not leave the collar positioned at the same place for long periods (i.e. over 3 hours) because this can cause irritations. If your dog must wear the collar for long periods, regularly change the position on the neck of your dog.

**Do not leave the collar more than 8 hours per day on your dog. Check your dog's neck regularly. If irritations appear, remove the collar until all signs of skin irritations have disappeared.**



## • **Starting out with the training collar**

- You can start using the collar with 6-month-old puppies that have already received some basic training: "stay", "sit" or at least "no".
- Do not use the collar with dogs that are not in good physical shape (i.e. cardiac problems, epilepsy) or have behavioural problems.
- Your dog will need to get used to the collar, for a few days let the dog wear the collar but do not use it.
- Positive and effective training takes time. **Do not rush:**
  - Choose a familiar area, a place your dog is used to.
  - **Define the level of stimulation from which your dog reacts by starting with the level of the lowest intensity and increasing gradually.**
  - Choose the right moment to press the button: at the exact time your dog does something wrong.
  - Give your dog plenty of encouragement: it will learn faster and its desire to respond will only increase.
- Do not hesitate to contact a professional trainer for any further advice.

## • **The difference between « continuous » and « flash » stimulation**

Both functions are extremely interesting and useful, since they can be adapted to any dog and any situation.

### ▪ **« continuous » stimulation**

Should be typically used for training at a location that is familiar to the dog (at the beginning).

Because the stimulation is continuous, use the lowest intensity and take advantage of the length of the stimulation rather than of the intensity, so your dog has time to understand.

### ▪ **« flash » stimulation**

Use this function to correct your dog.

A low stimulation will attract its attention; it will feel something unpleasant at the precise moment it is behaving badly.

## • **Cautions for use**

- **The EXPERT receiver collar is totally waterproof.** Your dog can swim in water.
- **The remote control is waterproof.**
- Your dog should not wear a tag, metallic collar, or any other kind of collar together with the EXPERT training collar.
- Avoid placing the remote control close to objects sensitive to magnetic fields which could be irreversibly damaged.
- Do not place or keep the unit in places exposed to high temperatures.
- Remove the battery from the remote control if you are not using the appliance for 3 months or more.
- It is necessary to replace the remote control battery every two years, even if the unit has not been used for long periods.
- Never leave a discharged battery in the remote control: leakage could damage it.
- **Under no circumstances should you open the receiver collar. You could damage some components and endanger the waterproof function of your product. Moreover, if you do this, your guarantee will be cancelled.**
- Keep your EXPERT 600 unit out of reach of children. It is not a toy for you or your children.

## • **Maintenance**

Avoid cleaning the unit with volatile liquids such as solvents or cleaning fluids. Use a soft cloth and neutral detergent.

We recommend to grease the rubber seal of the remote control battery cover once a year.

We recommend to replace the rubber seal of the remote control battery cover once a year.

## • **Troubleshooting**

Should your EXPERT 600 stop working or develop a fault, first read this guide over, then check the batteries and replace or recharge them if necessary. Also check that you are using the product correctly.

If you encounter any problem, re-code the receiver collar with the remote control (ref. re-coding procedure).

If the problem persists, contact your distributor.

Depending on the extent of the malfunction, you may have to return your product for service and repair.

For all repairs please supply the following:

- the complete product
- the proof of purchase (invoice or sales receipt)

If you omit one of these items, the After Sales Service will have to invoice you for any repair costs incurred.

### • **Technical specifications**

	<b>Remote control</b>	<b>Receiver collar</b>
Power	1 lithium 3 V CR 2 battery	Rechargeable Polymer Lithium battery integrated
Battery life	3 600 5-second releases or 144 000 releases (flash mode)	Continuous vibrations: 1 h 30 Blinking high luminosity LED: 18 h Continuous low stimulation: 5 h Continuous strong stimulation: 35 min
Frequency (power)	869,525 MHz (300 mW)	869,525 MHz
Antenna	Flexible	Integrated
Range	Approximately 600 m	
Tightness	Waterproof (immersion for a short length of time)	Waterproof
Radio operator safety and coding	By microcontroller	By microcontroller
Battery power indicator	Indicator on the LCD screen	Indicator light
Levels of stimulation	15	
Temperature limitations	Between – 10°C and + 55°C	Between – 10°C and + 55°C
Dimensions	115 mm x 66 mm x 24 mm	35 mm x 76 mm x 35 mm
Weight (battery included)	110 g	60 g (without strap) Collar adjustable to neck sizes from 20 to 50 cm

### • **Guarantee**

NUM'AXES guarantees the product against production defects for 2 years after purchase.

All postage and packing charges will be the purchaser's sole responsibility.

### • **Guarantee conditions**


1. The guarantee will be valid only if the proof of purchase (invoice or sales receipt), without cancellation, is submitted to the distributor or to NUM'AXES. The guarantee is limited to the original purchaser.
2. This guarantee does not cover the following:
  - changing the batteries (collar or remote control)
  - changing the strap
  - direct or indirect risks incurred when sending the article back to the distributor or NUM'AXES
  - damage to the article caused by:
    - negligence or incorrect use (ex. bites, breakage, cracking)
    - use contrary to the instructions or not envisioned therein
    - repairs performed by unauthorized persons
  - loss or theft
3. If the product is found to be defective, NUM'AXES will either decide to repair or to replace it.
4. No claim may be advanced against NUM'AXES, particularly in relation to incorrect use or breakdown.
5. NUM'AXES reserves the right to modify the characteristics of its products with a view to making technical improvements or to comply with new regulations.
6. The information contained in this guide may be subject to amendment without prior notice.
7. Photos and drawings are not contractual.

- **Spare parts**

You can purchase spare parts (batteries, car charger, strap, contact points ...) from your supplier at any time.

- **Collection and recycling of your device at the end of its life**



The pictogram  which appears on your product means that this one can not be thrown with household refuse. You have to bring the device to a collection location suitable for treatment, development, recycling of electronic wastes or bring it back to your distributor.

Adopting this process, you do something for the environment, you contribute to the preservation of natural resources and to the protection of human health.



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